

8  
1.000 mg. of 2,4-D  
1.000 mg. of 2,4,5-T  
1.000 mg. of 2,4,5-T  
1.000 mg. of 2,4,5-T  
1.000 mg. of 2,4,5-T

CONTROLS

DAY 28

400

500

600

1.000 mg. of 2,4-D  
1.000 mg. of 2,4,5-T  
1.000 mg. of 2,4,5-T

CONTROLS

DAY 28

After exposure, plants were harvested and weighed and the data is as follows:  
1.000 mg. of 2,4-D was applied to the 2,4-D treated plants.  
1.000 mg. of 2,4,5-T was applied to the 2,4,5-T treated plants.  
1.000 mg. of 2,4,5-T was applied to the 2,4,5-T treated plants.

After 28 days, plants were harvested and weighed again. The data is as follows:  
1.000 mg. of 2,4-D was applied to the 2,4-D treated plants.  
1.000 mg. of 2,4,5-T was applied to the 2,4,5-T treated plants.

AQUACULTURE FACILITY  
WITH CASCADE GREENHOUSE  
CONTROLS

VENTILATION

The ventilation controls were checked by adjusting the set points of the controlling thermostat to simulate the vent mode of operation. The vent louvers operate as they were designed to. The vent fans come on as they were designed to.

AQUACULTURE POND TEMPERATURE CONTROL

The motorized temperature control valves that were originally installed would not close completely off. This allowed heating water to continue to flow into the aquaculture ponds.

The above motorized valves were changed out to a Solenoid type valve. Those valves also leaked through. Balancing valves were added to the down stream piping to try to correct his problem by adding back pressure to the Solenoid valve. Mr. Kenneth Smith is continually checking the Solonoid valves to see if the Solonoid valves are maintaining closed position when heating water is not required.

Aquaculture pond temperatures are controlled as required by thermostat settings with the exception of the month of December, 1983 when the ambient temperatures were below normal and remained that way for a long period of time.

When pond temperatures could not be maintained in December the piping was changed to the plate heat exchanger and boiler. The plate heat exchanger has been piped so it can manually be put in series with the boiler. When operating in this mode in December 1983 and January 1984 the heating water entering the aquaculture ponds was being maintained between 116.6°F and 128.3°F. The fluctuating temperature was caused by the differential setting of the boiler water temperature controller.

TEMPERATURE RECORDERS

The temperature recorders were calculated by using a Keithley 871 Digital Thermometer. The thermometer set points were checked several times and were maintaining their calibration points.

After each interview a no-fault diagnostic interview was conducted. The interview was to identify known abusive paternalistic educational training cases review cases and examine and assess guidance and support to youth and families received and to evaluate effectiveness of training received in review. Diagnostic interview was conducted individually with parents, family members, and youth. Each of these three types of training were evaluated.

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and made up of individuals so well bided in their ranks that they  
had no difficulty in finding the best and most eligible men to fill the  
various offices in the state and in the districts. The  
whole government was thus composed of able men, possessed of  
the highest qualifications, and during all the time of its existence,  
it was never superseded by any other, and it is now the  
best government in the world.

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Individually tailored to each individual's needs, the program emphasizes self-empowerment and agency between health care providers and patients.

**APPENDIX E**

**NTIS PRICE CODES**

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DOMESTIC PRICE CODES

Standard Priced Documents (Schedule A)

Effective January 1, 1983

Prices are for customers in the United States, Canada, and Mexico.

<u>Code</u>	<u>Price**</u>	<u>Page Range</u>
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A13	23.50	276 - 300
A14	25.00	301 - 325
A15	26.50	326 - 350
A16	28.00	351 - 375
A17	29.50	376 - 400
A18	31.00	401 - 425
A19	32.50	426 - 450
A20	34.00	451 - 475
A21	35.50	476 - 500
A22	37.00	501 - 525
A23	38.50	526 - 550
A24	40.00	551 - 575
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For documents over 600 pages, Contact NTIS for a price quote.

A99--Contact NTIS for a price quote.

\*\* Prices are revised periodically, please use price code i.e. A02 for 25 pages

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REFERENCES

- Austin, Arthur L. and Palmer A. House, New Concepts for Converting the Energy in Low - to Medium-Temperature Liquids, with Emphasis on Geothermal Applications. September 1978.
- Austin, Arthur L., "Prospects for Advances in Energy Conversion Technologies for Geothermal Energy Development". May 1975.
- Austin, Arthur L., et. al., comps. and ed., The LLL Geothermal Energy Program, Status Report, January 1976 - January 1977. April 1977.
- APHA-AWWA, WPFC. 1981. Standard Methods, 12th Edition.
- Banning, Lloyd H. and Laurence L. Oden, Corrosion Resistance of Metals in Hot Brines: A Literature Review. 1973.
- Beeland, Mrs. Gene V., Survey of Environmental Regulations Applying to Geothermal Exploration, Development, and Use. February 1978.
- Berthold, C. E., et. al., Process Technology for Recovering Geothermal Brine Minerals. February 1975.
- Blake, G. L., ed., The Idaho Geothermal Program, Semiannual Process Report, April 1 to September 30, 1978. November 1978.
- Carter, J. P. and F. X. McCawley, "In Situ Corrosion Tests in Salton Sea Geothermal Brine Environments." Undated.
- Carter, J. P. and Stephen D. Cramer, "Corrosion Resistance of Some Commercially Available Metals and Alloys to Geothermal Brines." 1974.
- Connover, Marshall and Radian Corporation, An Environmental Report for the Direct Utilization Project at Navarro College and the Navarro County Memorial Hospital, Corsicana, Texas. May 1979.
- Foster, P. K., T. Marshall, and A. Tombs, "Corrosion Investigations in Hydrothermal Media at Wairakei, New Zealand. 1964.
- Galbraith, Robert M., Geological and Geophysical Analysis of Coso Geothermal Exploration Hole No. 1, (CGEH-1), Coso Hot Springs KGRA, California. May 1978.
- Geothermal Energy: A Novelty Becomes Resources, Geothermal Resources Council Annual Meeting, Hilo, Hawaii, July 1978, Transactions. 1978.
- Goldberg, Alfred, Comments on the Use of 316L Stainless Steel Cladding at the Geothermal Niland Test Facility. April 1976.
- Gries, J. P., Geothermal Applications on the Madison (Pahasapa) Aquifer System in South Dakota, Final Report. September 1977.

- Gustavson, Thomas C. and Charles W. Dreitler, Geothermal Resources of the Texas Gulf Coast, Environmental Concerns arising from the Production and Disposal of Geothermal Waters. 1976.
- Hall, Beverly A., Materials Problems Associated with the Development of Geothermal Energy Resources. May 1975.
- Hartley, Robert P., Pollution Control Guidance for Geothermal Energy Development, In-House Report. June 1978.
- Hayashi, Masao, "Hydrothermal Alteration in the Otake Geothermal Area, Kyushu."
- Hederman, W. F. and L. A. Cohen 1981. Economic Assessment of Geothermal Heat Technology: A review of five DOE Demonstration Projects. Interim Topical Report under DOE Contract DE-AC07-801012099, ICF, Inc., Washington, D. C. February.
- Higbee, C; Ryan, Gene; and Smith, K.; Geo-Heat Center, OIT, Geothermal Aquaculture Project. August 1981.
- Hornburg, C. D. and B. Lindal, Preliminary Research on Geothermal Energy Industrial Complexes, Final Report. March 1978.
- Krikorian, O. H., "Corrosion and Scaling by Steam in Nuclear Geothermal Powerplants." June 1972.
- Kukacka, L. E., et al., Alternate Materials of Construction for Geothermal Applications, Progress Report No. 10, July-September 1976. Undated.
- Kukacka, L. E., et al., Alternate Materials of Construction for Geothermal Applications, Progress Report No. 13, April-June 1977. Undated.
- Kukacka, L. E., et al., Alternate Materials of Construction for Geothermal Applications, Progress Report No. 14, July-September 1977. Undated.
- Lawrence Berkeley Laboratory, Geothermal Water Data File. Various dates.
- Lawrence Berkeley Laboratory, University of California, Second United Nations Symposium on the Development and Use of Geothermal Resources, San Francisco, California, May 1975, Proceedings. 1976.
- Lindberg, S. E., et al., "Walker Branch Watershed Element Cycling Studies: Collection and Analysis of Netfall for Trace Elements and Sulfate." 1977.
- Lombard, G. L., Test and Evaluation of a Geothermal Heat Exchanger, Final Report. September 1976.
- Lund, John W., et al., Corrosion of Downhole Heat Exchangers. October 1976.

- Malkin, Sy, "Converting to Spray Pond Cooling," Power Eng., January 1972.
- Mariner, R. F., et al., Selected Data for Hydrothermal Convection Systems in the United States with Estimated Temperatures - 90°C: Back-up Data for U. S. Geological Survey Circular 790. December 1978.
- Marshall, T. and A. J. Hugill, "Corrosion by Low-Pressure Geothermal Steam." 1957.
- Marshall, T. and A. Tombs, "Delayed Fracture of Geothermal Core Casing Steels." 1969.
- Marshall T. and W. R. Braithwaite, "Corrosion Control in Geothermal Systems." 1973.
- Masukawa, Toshio, "Geothermal Development of Otake and Hatchobaru." October 1977.
- McBee, Warren D., Geothermal Down-Well Instrumentation, Final Report. April 1977.
- Miller, D. G., A. J. Pinwinski, and R. Yamauchi, The Use of Geochemical Equilibrium Computer Calculations to Estimate Precipitation from Geothermal Brines. January 1977.
- Miller, R. L., Results of Short-Term Corrosion Evaluation Tests at Raft River. October 1977.
- Mori, Nobuaki, "The Economics of Geothermal Power." Undated.
- Morrison, H. F., et al., Description, Field Test and Data Analysis of a Controlled-Source EM System, (EM-60). October 1978.
- Needham, P. B., Jr., et al., Materials for the Construction of Geothermal Resource Recovery Plants, Draft Report. 1977.
- Newsom, M. M., et al., Geothermal Well Technology Drilling and Completion Program Plan. March 1978.
- Posey, F. A., A. A. Palko, and A. L. Bacarella, Corrosivity of Geothermal Resource Recovery Plants, Draft Report. 1977.
- Radian Corporation, Geothermal Injection and Production Well Test Results at Navarro College, Corsicana, Texas. February 1981.
- Robertson, Roy C., Waste Heat Rejection from Geothermal Power Stations. December 1978.
- Scale Management in Geothermal Energy Development, San Diego, California, August 1976, Conference Proceedings. 1976.

- Shannon, Donald W., Corrosion of Iron-Base Alloys Versus Alternate Materials in Geothermal Brines, Interim Report. November 1977.
- Sherwood, P. B. and K. L. Newman, Engineering and Economic Feasibility of Utilizing Geothermal Heat from the Heber Reservoir for Industrial Processing Purposes at Valley Nitrogen Producers, Inc., El Centro Agriculture Chemical Plant, Final Report. September 1977.
- Shannon, Donald W., "The Role of Chemical Components in Geothermal Brines on Corrosion." March 1978.
- Sims, Anker V., Geothermal Direct Contract Heat Exchange, Final Report. June 1976.
- Smith, John H., "Casing Failures in Geothermal Bores at Wairakei." 1964.
- Smith, K. and Geo-Heat Center, Oregon Institute of Technology, A Laymans Guide to Geothermal Aquaculture. January 1981.
- Swanberg, Chandler, A., et al., An Appraisal Study of the Geothermal Resources of Arizona and Adjacent Areas in New Mexico and Utah and their Value for Desalination and Other Uses, Technical Completion Report. July 1977.
- Swedish District Heating Workshops, Cogeneration, Industrial Waste Heat Heat Utilization, Avenues to Energy Conservation, Swedish Experiences and Technology, October 1978.
- Syrett, B. C., et al., Corrosion Chemistry of Geothermal Brines, Pt. 1, Low-Salinity Brine, Final Report. September 1977.
- Syrett, B. C. et al., Corrosion Chemistry of Geothermal Brines, Pt. 2, Low-Salinity Brine, Final Report. December 1977.
- Tolivia, E., "Corrosion Measurements in a Geothermal Environment."
- Toney, S., M. Cohen, and C. J. Cron, "Metallurgical Evaluation of Materials for Geothermal Power Plan Applications," in Geothermal energy Magazine. 1977.
- Thompson, G. R. 1972. Ground Water Resources of Navarro County, Texas. Report 160. Texas Water Development Board, Austin, TX, November.
- U. S. Department of Energy, Division of Geothermal Energy, et al., Regional Hydrothermal Commercialization Plan. July 1978.
- Vorum, Martin, et al., Non-Electric Utilization of Geothermal Energy in the San Luis Valley, Colorado, Final Report. February 1978.
- Vuich, John S. and James C. Witcher, A geologic Evaluation of International Business Machines Corporation Plant Site, Tucson, Arizona. March 1978.



**APPENDIX C  
1948 NATATORIUM WATER WELL REPORT**



Well TY-33-61-102

Owner:	City of Corsicana Well #2	Driller:	H. G. Johnson
Sandy marl and clay----	1,050	Water-bearing sand----	60
Marl and clay-----	500	Blue clay-----	27
Chalky blue and white		Sand-----	8
limestone-----	430	Shale-----	20
Blue-black shale-----	420		2,400
			2,460
			2,487
			2,495
			2,515

Ty-33-61-102

WELL SCHEDULE  
U. S. DEPT. OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION

## MASTER CARD

Record by G. T. *[Signature]* Source of data *065* Date *7/18/68* Corridor  
 State *Tex.* County *49* (or town) *Nayaxxa* Sequential number *1*

Latitude: *32° 0' 52.1" N* Longitude: *100° 49' 27.4" W* Lat-long accuracy: *± 20 ft.*

Local well number: *TY-33-61-102* Other B & M number: *Well #5*

Local use: *WATER TOWER-IND-TEST* Owner or name: *City of Corsicana*

Owner or name: *[Redacted]* Address: *[Redacted]*

(C) (F) (M) (R) (P) (S) (W) Ownership: County, Fed Gov't, City Corp or Co, Private, State Agency, Water Dist

(A) (B) (C) (D) (E) (F) (H) (I) (M) (N) (P) (R) Use of Air cond, Bottling, Comm, Dewater, Power, Fire, Dom, Irr, Med, Ind, P.S., Rec, water: (S) (T) (U) (V) (W) (X) (Y) (Z)

Stock, Instit, Unused, Repressure, Recharge, Desal-P.S., Desal-other, Other well: Anode, Drain, Seismic, Heat Res, Obs, Oil-gas, Recharge, Test, Unused, Withdraw, Waste, Destroyed

DATA AVAILABLE: Well data *70* Freq. R/L meas.: *71* Field aquifer char. *72*

Hyd. lab. data: *73*

Qual. water data: type: *Partial 5/1/38* *74*

Freq. sampling: *75* Pumpage inventory: no period: *76*

Aperture cards: *77*

Log date: *Drill log in file* *78* *79*

## WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: *2427* ft Meas. rep. *24* Tech. files *24*

Depth cased: *19* ft Casing *20* in *23* Meas. rep. accuracy *24*

(First perf.) fr *25* to *28* type: *ST-1*; Diam. *10* in *29* *30*

(C) (F) (G) (H) (I) (P) (S) (T) (W) (X) (Y) Finish: porous gravel w. gravel w. horiz. open perf., screen, sd. pt., shored, open concrete, (part.), (screen), gallery, end, other

Method: (A) (B) (C) (D) (H) (J) (P) (R) (T) (V) (W) (Z) Drilled: air bored, cable, dug, hyd jettied, air reverse trenching, driven, drive rot, rot., percussive, rotary, wash, other

Date: *18/9/5* Drilled: *18/9/5* Pump intake setting: *34* ft *35* *36* *38*

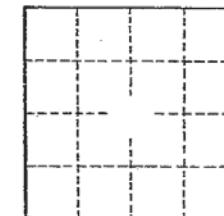
Driller: name *[Redacted]* address *[Redacted]* Lift: (A) (B) (C) (J) multiple, multiple, (N) (P) (R) (S) (T) (W) Deep *39* Shallow *40*

(type): air, bucket, cent, jet, (cent.), (cub.), none, piston, rot, submers, turb, other Trans. or meter no. *41*

Power: nat LP Trans. or meter no. *42* (above) *43* *44* *45* *46* *47* *48* *49* *50* *51* *52* *53* *54* *55* *56* *57* *58* *59* *60* *61* *62* *63* *64* *65* *66* *67* *68* *69* *70* *71* *72* *73* *74* *75* *76* *77* *78* *79* *80* *81* *82* *83* *84* *85* *86* *87* *88* *89* *90* *91* *92* *93* *94* *95* *96* *97* *98* *99* *100* *101* *102* *103* *104* *105* *106* *107* *108* *109* *110* *111* *112* *113* *114* *115* *116* *117* *118* *119* *120* *121* *122* *123* *124* *125* *126* *127* *128* *129* *130* *131* *132* *133* *134* *135* *136* *137* *138* *139* *140* *141* *142* *143* *144* *145* *146* *147* *148* *149* *150* *151* *152* *153* *154* *155* *156* *157* *158* *159* *160* *161* *162* *163* *164* *165* *166* *167* *168* *169* *170* *171* *172* *173* *174* *175* *176* *177* *178* *179* *180* *181* *182* *183* *184* *185* *186* *187* *188* *189* *190* *191* *192* *193* *194* *195* *196* *197* *198* *199* *200* *201* *202* *203* *204* *205* *206* *207* *208* *209* *210* *211* *212* *213* *214* *215* *216* *217* *218* *219* *220* *221* *222* *223* *224* *225* *226* *227* *228* *229* *230* *231* *232* *233* *234* *235* *236* *237* *238* *239* *240* *241* *242* *243* *244* *245* *246* *247* *248* *249* *250* *251* *252* *253* *254* *255* *256* *257* *258* *259* *260* *261* *262* *263* *264* *265* *266* *267* *268* *269* *270* *271* *272* *273* *274* *275* *276* *277* *278* *279* *280* *281* *282* *283* *284* *285* *286* *287* *288* *289* *290* *291* *292* *293* *294* *295* *296* *297* *298* *299* *300* *301* *302* *303* *304* *305* *306* *307* *308* *309* *310* *311* *312* *313* *314* *315* *316* *317* *318* *319* *320* *321* *322* *323* *324* *325* *326* *327* *328* *329* *330* *331* *332* *333* *334* *335* *336* *337* *338* *339* *340* *341* *342* *343* *344* *345* *346* *347* *348* *349* *350* *351* *352* *353* *354* *355* *356* *357* *358* *359* *360* *361* *362* *363* *364* *365* *366* *367* *368* *369* *370* *371* *372* *373* *374* *375* *376* *377* *378* *379* *380* *381* *382* *383* *384* *385* *386* *387* *388* *389* *390* *391* *392* *393* *394* *395* *396* *397* *398* *399* *400* *401* *402* *403* *404* *405* *406* *407* *408* *409* *410* *411* *412* *413* *414* *415* *416* *417* *418* *419* *420* *421* *422* *423* *424* *425* *426* *427* *428* *429* *430* *431* *432* *433* *434* *435* *436* *437* *438* *439* *440* *441* *442* *443* *444* *445* *446* *447* *448* *449* *450* *451* *452* *453* *454* *455* *456* *457* *458* *459* *460* *461* *462* *463* *464* *465* *466* *467* *468* *469* *470* *471* *472* *473* *474* *475* *476* *477* *478* *479* *480* *481* *482* *483* *484* *485* *486* *487* *488* *489* *490* *491* *492* *493* *494* *495* *496* *497* *498* *499* *500* *501* *502* *503* *504* *505* *506* *507* *508* *509* *510* *511* *512* *513* *514* *515* *516* *517* *518* *519* *520* *521* *522* *523* *524* *525* *526* *527* *528* *529* *530* *531* *532* *533* *534* *535* *536* *537* *538* *539* *540* *541* *542* 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*709* *710* *711* *712* *713* *714* *715* *716* *717* *718* *719* *720* *721* *722* *723* *724* *725* *726* *727* *728* *729* *730* *731* *732* *733* *734* *735* *736* *737* *738* *739* *740* *741* *742* *743* *744* *745* *746* *747* *748* *749* *750* *751* *752* *753* *754* *755* *756* *757* *758* *759* *760* *761* *762* *763* *764* *765* *766* *767* *768* *769* *770* *771* *772* *773* *774* *775* *776* *777* *778* *779* *780* *781* *782* *783* *784* *785* *786* *787* *788* *789* *790* *791* *792* *793* *794* *795* *796* *797* *798* *799* *800* *801* *802* *803* *804* *805* *806* *807* *808* *809* *810* *811* *812* *813* *814* *815* *816* *817* *818* *819* *820* *821* *822* *823* *824* *825* *826* *827* *828* *829* *830* *831* *832* *833* *834* *835* *836* *837* *838* *839* *840* *841* *842* *843* *844* *845* *846* *847* *848* *849* *850* *851* *852* *853* *854* *855* *856* *857* *858* *859* *860* *861* *862* *863* *864* *865* *866* *867* *868* *869* *870* *871* *872* *873* *874* *875* *876* *877* *878* *879* *880* *881* *882* *883* *884* *885* *886* *887* *888* *889* *890* *891* *892* *893* *894* *895* *896* *897* *898* *899* *900* *901* *902* *903* *904* *905* *906* *907* *908* *909* *910* *911* *912* *913* *914* *915* *916* *917* *918* *919* *920* *921* *922* *923* *924* *925* *926* *927* *928* *929* *930* *931* *932* *933* *934* *935* *936* *937* *938* *939* *940* *941* *942* *943* *944* *945* *946* *947* *948* *949* *950* *951* *952* *953* *954* *955* *956* *957* *958* *959* *960* *961* *962* *963* *964* *965* *966* *967* *968* *969* *970* *971* *972* *973* *974* *975* *976* *977* *978* *979* *980* *981* *982* *983* *984* *985* *986* *987* *988* *989* *990* *991* *992* *993* *994* *995* *996* *997* *998* *999* *1000* *1001* *1002* *1003* *1004* *1005* *1006* *1007* *1008* *1009* *1010* *1011* *1012* *1013* *1014* *1015* *1016* *1017* *1018* *1019* *1020* *1021* *1022* *1023* *1024* *1025* *1026* *1027* *1028* *1029* *1030* *1031* *1032* *1033* *1034* *1035* *1036* *1037* *1038* *1039* *1040* *1041* *1042* *1043* *1044* *1045* *1046* *1047* *1048* *1049* *1050* *1051* *1052* *1053* *1054* *1055* *1056* *1057* *1058* *1059* *1060* *1061* *1062* *1063* *1064* *1065* *1066* *1067* *1068* *1069* *1070* *1071* *1072* *1073* *1074* *1075* *1076* *1077* *1078*

Latitude-longitude				N S	d m s	d m s	
HYDROGEOLOGIC CARD							
SAME AS ON MASTER CARD		Physiographic Province:		Section:			
1	19	1	21	20	21		
Drainage Basin:				Subbasin:		26	
22	23	24	25				
(D) depression, stream channel, dunes, flat, hilltop, sink, swamp, Topo of well site: (E) (F) (H) (K) (L) (G) offshore, pediment, hillside, terrace, undulating valley flat 27							
MAJOR AQUIFER: system series 28 29 <i>Washline?</i> aquifer, formation, group 30 31							
Lithology: 32 33 Origin: 34 Aquifer Thickness: ft							
35	37	38	40	39	41	42	43
Length of well open to: Depth to top of: ft							
MINOR AQUIFER: system series 44 45 aquifer, formation, group 46 47							
Lithology: 48 49 Origin: 50 Aquifer Thickness: ft							
51	53	54	56	55	57	58	59
Length of well open to: Depth to toe of: ft							
Intervals Screened:							
Depth to consolidated rock: ft 60 61 62 Source of data: 64							
Depth to basement: ft 63 64 65 66 Source of data: 69							
Surficial material: 67 Infiltration characteristics: 72							
Coefficient Trans: gpd/ft 73 74 Coefficient Storage: 75 76							
Coefficient Perm: $\text{gpd}/\text{ft}^2$ ; Spec cap: $\text{gpm}/\text{ft}$ ; Number of geologic cards: 79							

Was used to fill  
 Swimming Pool at Natatorium until about 20  
 or 25 yrs ago when ~~the~~  
 Natatorium was closed  
 and well was plugged  
 with cement. Casing  
 still protrudes ~~from~~ above  
 land surface.



D-960  
(January, 1927)

UNITED STATES GEOLOGICAL SURVEY, WATER RESOURCES BRANCH

K-160

T-33-41-102

ANALYTICAL STATEMENT

Navarro Co.

Location Corsicana, Texas Use Date May 1, 1928  
Source Well 2477' deep (at Color SiO<sub>2</sub>.....  
Natatorium) Turbidity Fe..... 12.1  
WBF: Woodbine? Alkalinity Ca..... 13.  
"Hot well" considered Hardness (calc.) 55 Mg..... 5.4  
for a commercial health Ignition loss K..... 1870  
resort. Suspended matter HCO<sub>3</sub>..... 1580  
Total dissolved solids SO<sub>4</sub>..... 153  
Remarks Coll. by Cl..... 1220  
H. O. George F..... 2.5  
Field No. 501 Sum 4550  
(Same sample as)  
Lab. No. 192 WPA Lab. No. 14782  
(C. L. S. sample)

0-7740 ORIGINAL RECORD

KEY PUNCHED

X (Field No. 501)

(Same sample as)

WPA Lab. No. 14782

(C. L. S. sample)

(C. L.

193  
rCa .6489  
rMg .4441 ✓  
rNa 1.0930

rK 79.6989  
rCO<sub>3</sub> 1.0930 ✓  
rHCO<sub>3</sub> 35.8932 ✓  
rSO<sub>4</sub> 3.1854 ✓  
rCl 50.4837 ✓  
rNO<sub>3</sub> ✓  
rF .1516 ✓

79.6989 ✓

Computations by E.W.Lahr 6-17-38

Checked by H.J.Baevision 6-18-38

Project Texas G.W.

Author

Transmitted

Remarks

% na = 99

6-1748

FEDERAL BUREAU OF INVESTIGATION

U. S. DEPARTMENT OF JUSTICE

6-1748

( 6 year )



**APPENDIX D  
WDW-394 GEOPHYSICAL LOG**